

To: Dermer, Michele[Dermer.Michele@epa.gov]
Cc: Engelman, Alexa[ENGELMAN.ALEXA@EPA.GOV]; Moffatt, Brett[Moffatt.Brett@epa.gov]
From: Albright, David
Sent: Tue 10/28/2014 4:29:06 PM
Subject: FW: EPA Requested Data
Class II Wells Into Hydrocarbon Producing Formations Outside of Primacy areas 10.24.14.xlsx

Here is the latest from DOGGR. This is a list of 2,021 wells, all of which are (alleged to be) injecting into hydrocarbon producing zones, but outside the shaded areas that were exempted. I am going to follow up and ask for an updated list for injectors into non-HC producing zones, and also ask about the discrepancy of 1,585 wells that they indicated last week and this list of >2,000 wells. David

From: Habel, Rob@DOC [mailto:Rob.Habel@conservation.ca.gov]
Sent: Tuesday, October 28, 2014 9:06 AM
To: Albright, David
Cc: Reeves, Bruce@DOC; Bohlen, Steven@DOC
Subject: EPA Requested Data

David:

Here's our best list as requested by EPA of "Wells permitted to inject in hydrocarbon-producing formations with water quality below 10,000 mg/l TDS located in non-exempt aquifers".

1. The following wells were queried from a list of all wells that are associated to a project. All active, idle and newly permitted wells were considered.
2. Only EOR well types (Pressure Maintenance, Cyclic Steam, Steam Flood, Water Flood wells) were considered in the query, the assumption being that EOR wells will be injecting into hydrocarbon-producing formations/zones to enhance the recovery of oil.
3. Wells that had no TDS information were included.
4. All the wells are located outside of the Primacy-exempted boundaries defined by the shaded areas in the data sheets of the publication California Oil and Gas Fields Volumes I (1973) and II (1974).

If you have any questions, please let me know.

Thanks,

Rob